

## Electronic Patent Application Fee Transmittal

|   |                                     |                 |               |                             |
|---|-------------------------------------|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>                  | 10782727                            |                 |               |                             |
| <b>Filing Date:</b>                         | 18-Feb-2004                         |                 |               |                             |
| <b>Title of Invention:</b>                  | Showerhead assembly and ALD methods |                 |               |                             |
| <b>First Named Inventor/Applicant Name:</b> | Sven Lindfors                       |                 |               |                             |
| <b>Filer:</b>                               | Rabinder N. Narula                  |                 |               |                             |
| <b>Attorney Docket Number:</b>              | ASMMC.050CP1                        |                 |               |                             |
| Filed as Large Entity                       |                                     |                 |               |                             |
| <b>Utility      Filing Fees</b>             |                                     |                 |               |                             |
| <b>Description</b>                          | <b>Fee Code</b>                     | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                        |                                     |                 |               |                             |
| <b>Pages:</b>                               |                                     |                 |               |                             |
| <b>Claims:</b>                              |                                     |                 |               |                             |
| <b>Miscellaneous-Filing:</b>                |                                     |                 |               |                             |
| <b>Petition:</b>                            |                                     |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b>     |                                     |                 |               |                             |
| Filing a brief in support of an appeal      | 1402                                | 1               | 500           | 500                         |
| <b>Post-Allowance-and-Post-Issuance:</b>    |                                     |                 |               |                             |
| <b>Extension-of-Time:</b>                   |                                     |                 |               |                             |

| Description                        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|------------------------------------|----------|----------|--------|----------------------|
| Extension - 2 months with \$0 paid | 1252     | 1        | 450    | 450                  |
| Miscellaneous:                     |          |          |        |                      |
| Total in USD (\$)                  |          |          |        | 950                  |